

In the Claims:

1. (Currently amended) A polymeric composition comprising:

a polyurea evenly distributed with an epoxy resin and a particulate filler, such that said polyurea holds said particulate filler in suspension, wherein said polyurea has a low number average molecular weight between about 200 g/mole and about 2000 g/mole and is a reaction product of an amine and an isocyanate being present in a volume ratio of isocyanate to amine of between 1:10 and 1:40 and capable of reacting to form said polyurea within 1 to 30 seconds.

2. (Original) The polymeric composition of Claim 1 further comprising a plasticizer to soften said polymeric composition.

3. (Original) The polymeric composition of Claim 2 wherein said particulate filler has a density between about 0.009 g/ml and about 11.3 g/ml.

4. (Currently amended) The polymeric composition of Claim 3 wherein said amine is an ~~aliphatic~~ amine selected from a group consisting of n-aminoethylpiperazine, diethylenetriamine, and triethylenetriamine.

5. (Currently amended) The polymeric composition of Claim 3 wherein between about 0.1% and about 2.0% by weight of isocyanate is used, based on the total weight of the polymeric composition.

6. (Currently amended) The polymeric composition of Claim 3 wherein said isocyanate has a an equivalent weight of about 100 g/mole to 140 g/mole.

7. (Original) The polymeric composition of Claim 3, wherein said isocyanate is selected from the group consisting of polymethylene polyphenylisocyanate and hexamethylene diisocyanate.

8. (Currently amended) The polymeric composition of Claim 3 wherein said plasticizer is present in an amount less than about 40% by volume, based on the total volume of the polymeric composition.

9. (Original) A bowling ball manufactured with the polymeric composition of Claim 1.

10. (Currently amended) A method for preparing a polymeric composition having about 1% to about 3% by volume polyurea with a low number average molecular weight of between about 200 g/mole and about 2000 g/mole evenly distributed with about 55% to 75% by volume of an epoxy resin and about 0.2% to 30% by volume particulate filler, based on the total volume of the polymeric composition, said method comprising the steps of:

introducing a predetermined amount of an isocyanate and an epoxy precursor to said epoxy resin into a first vessel, said isocyanate being a reactant in the formation of said polyurea;

introducing a predetermined amount of an amine and a particulate filler into a second vessel, said amine being a reactant in the formation of said polyurea, said second vessel being in proximity to said first vessel;

introducing said isocyanate, said precursor to said epoxy, resin and said amine, and said particulate filler into a mixing chamber, wherein said isocyanate and said amine react reacting to form said polyurea and said precursor to said epoxy resin polymerizes polymerizing to form said epoxy resin.

11. (Original) The method of Claim 10 further comprising the step of adding a plasticizer to soften said polymeric composition.

12. (Original) The method of Claim 11 wherein said particulate filler has a density between about 0.009 g/ml and about 11.3 g/ml.

13. (Currently amended) The method of Claim 12 wherein said amine is an aliphatic amine selected from a group consisting of n-aminoethylpiperazine, diethylenetriamine, and triethylenetriamine.

14. (Currently amended) The method of Claim 12 wherein between about 0.1% and about 2.0% by weight of isocyanate is used, based on the total weight of the polymeric composition.

15. (Currently amended) The method of Claim 12 wherein said isocyanate has a an equivalent weight of about 100 g/mole to 140 g/mole.

16. (Original) The method of Claim 12 wherein said isocyanate is selected from the group consisting of polymethylene polyphenylisocyanate and hexamethylene diisocyanate.

17. (Currently amended) The method of Claim 12 wherein said plasticizer is present in an amount less than about 40% by volume, based on the total volume of the polymeric composition.

18. (Currently amended) A polymeric composition comprising:

about 1% to 3% by volume polyurea evenly distributed with between about 50% to 68% by volume of epoxy resin and between about 0.2% to 30% by volume particulate filler, based on the total volume of the polymeric composition, such that said polyurea holds said particulate filler in suspension, wherein said polyurea has a low number average molecular weight between about 200 g/mole and 2000 g/mole and is a reaction product of an amine and an isocyanate being present in a volume ratio of isocyanate to amine of between 1:10 and 1:40.

19. (Original) The polymeric composition of Claim 18 further comprising a plasticizer to soften said polymeric composition.

20. (Original) The polymeric composition of Claim 19 wherein said particulate filler has a density between about 0.009 g/ml and about 11.3 g/ml.

21. (Currently amended) The polymeric composition of Claim 20 wherein said amine is an aliphatic amine selected from a group consisting of n-aminoethylpiperazine, diethylenetriamine, and triethylenetriamine.

22. (Currently amended) The polymeric composition of Claim 21 wherein between about 0.1% and about 2.0% by weight of isocyanate is used, based on the total weight of the polymeric composition.

23. (Currently amended) The polymeric composition of Claim 21 wherein said isocyanate has a an equivalent weight of about 100 g/mole to 140 g/mole.

24. (Original) The polymeric composition of Claim 21 wherein said isocyanate is selected from the group consisting of polymethylene polyphenylisocyanate and hexamethylene diisocyanate.

25. (Currently amended) The polymeric composition of Claim 21 wherein said plasticizer is present in an amount less than about 40% by volume, based on the total volume of the polymeric composition.

26. (Original) A bowling ball manufactured with the polymeric composition of Claim 18.